

ABSTRACT OF THE INVENTION

A method of transferring information stored in a mobile instrument, the information including a first information file containing metadata and a pointer indicative of a first auxiliary file address; and first auxiliary file containing image information, the first auxiliary file being located at the first auxiliary file address. The method includes the steps of: storing the metadata in a second information file; storing the image information in a second auxiliary file at a second auxiliary file address; generating a second pointer indicative of the second auxiliary file address; and storing the second pointer in the second information file. The instrument includes a camera; one or more spatial sensors; and an external sensor port. Power to the sensors can be controlled asynchronously. Various parsing methods are also described. The instrument includes a marker module configured to superimpose a marker on the image.